

09 1592 472

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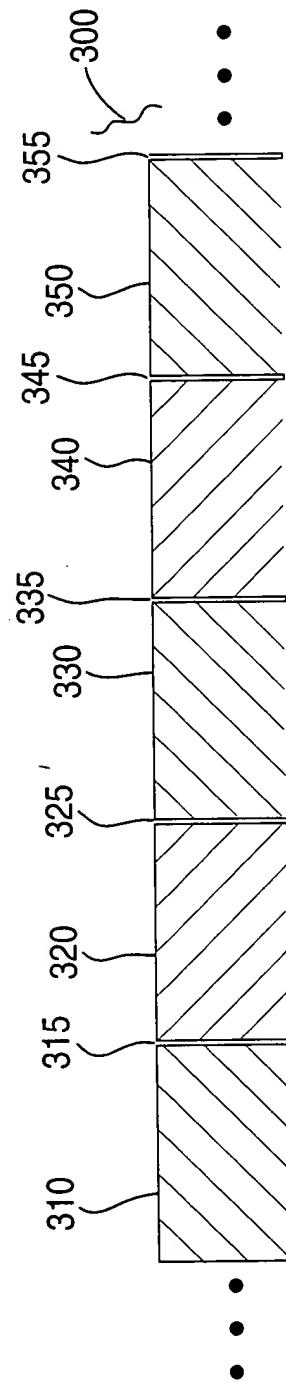


FIG. 1A

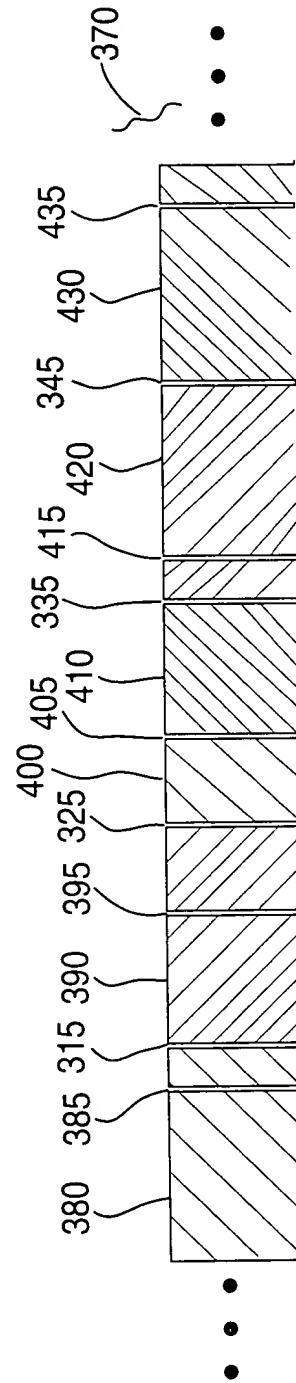


FIG. 1B

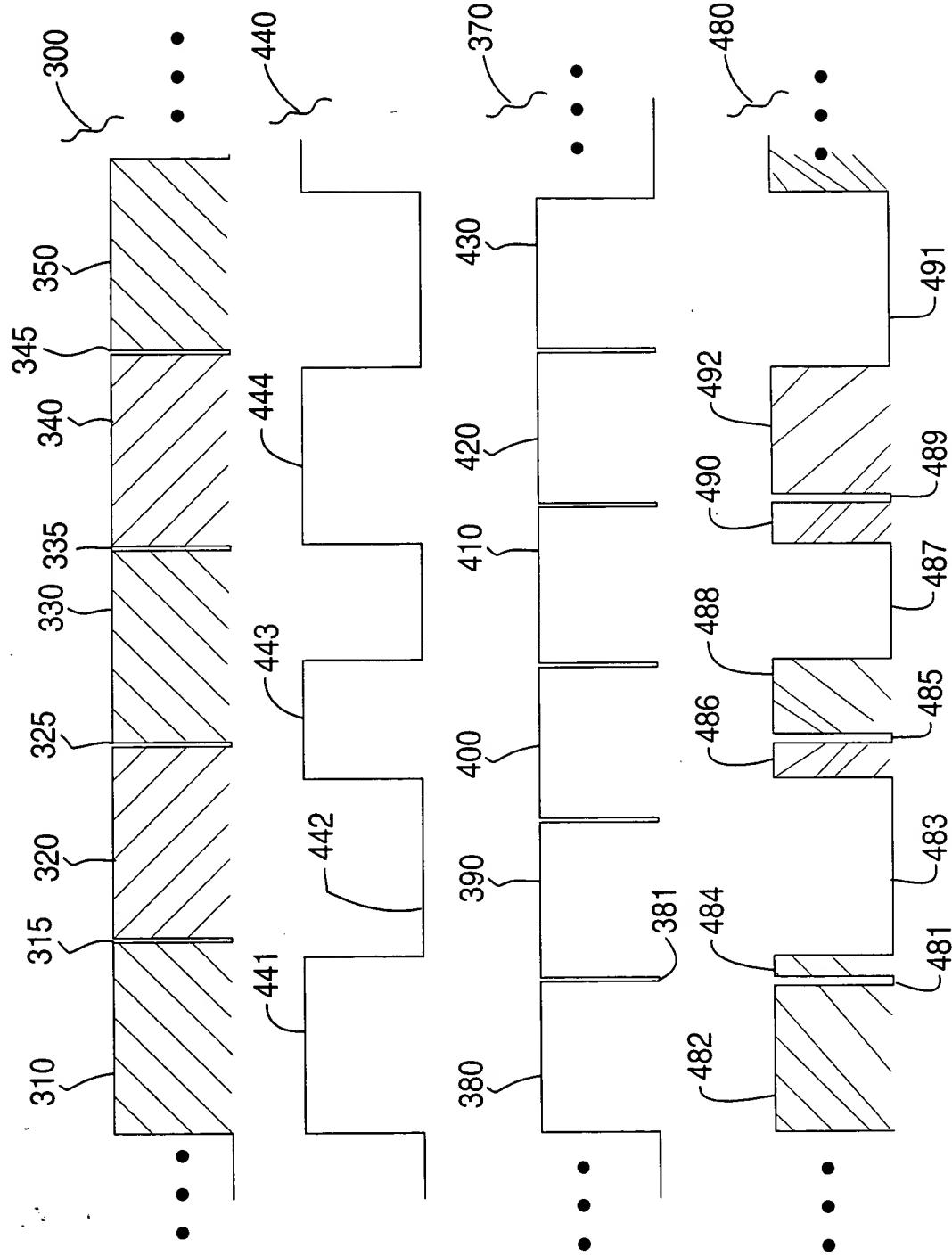


FIG. 2



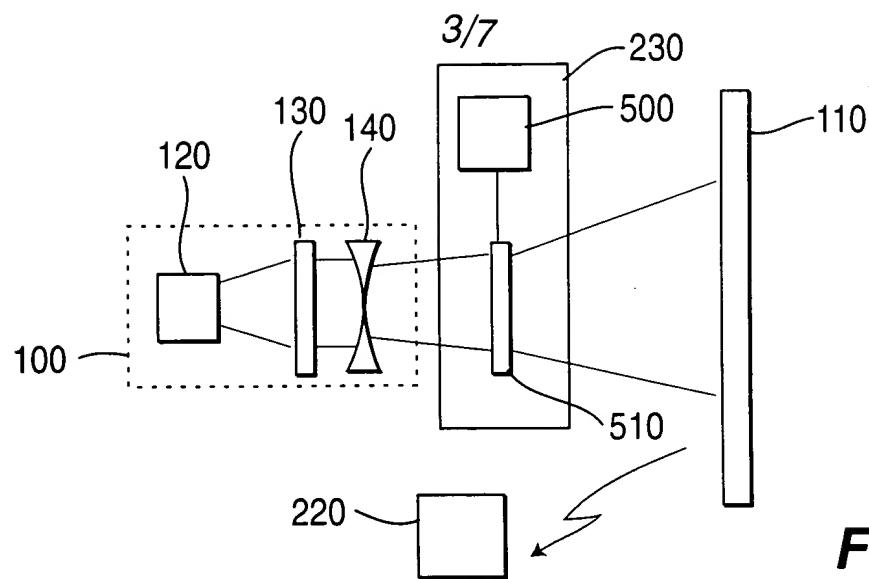


FIG. 3A

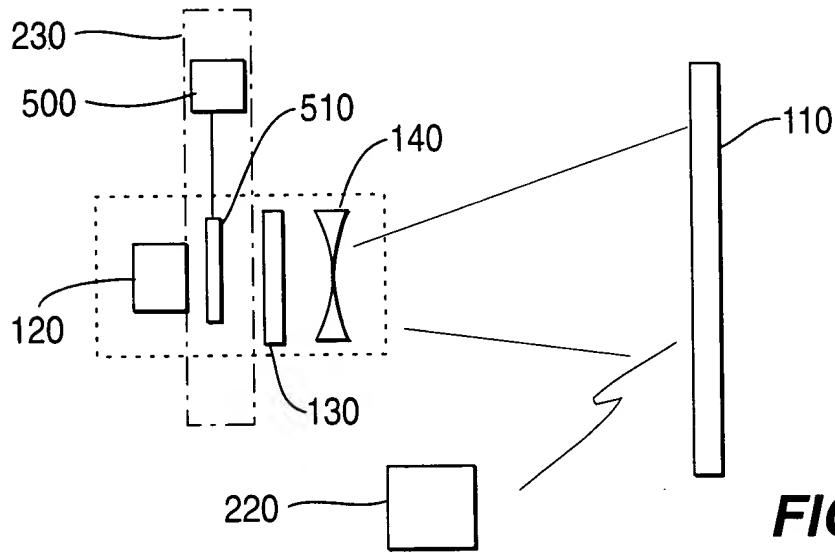


FIG. 3B

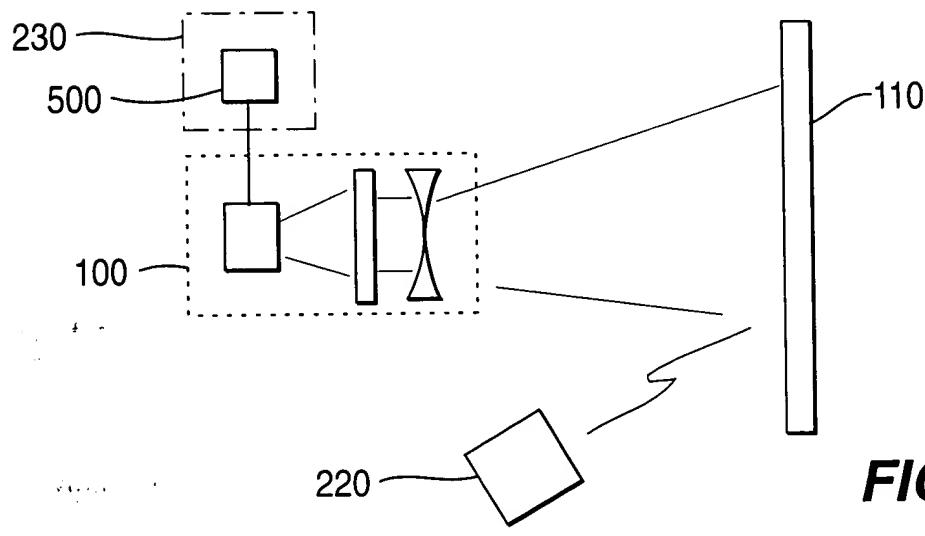


FIG. 3C

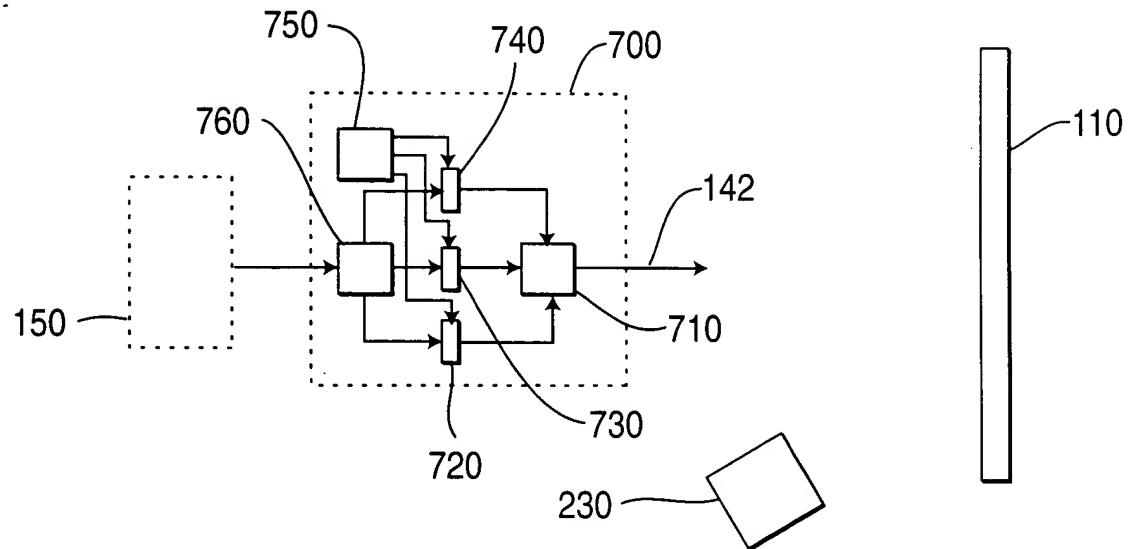


FIG. 4A

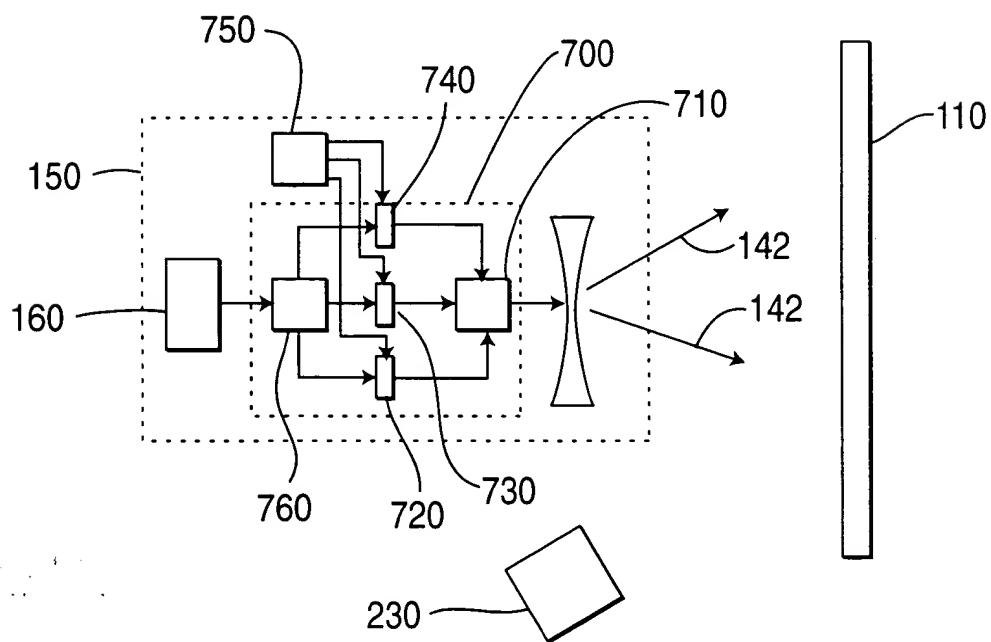
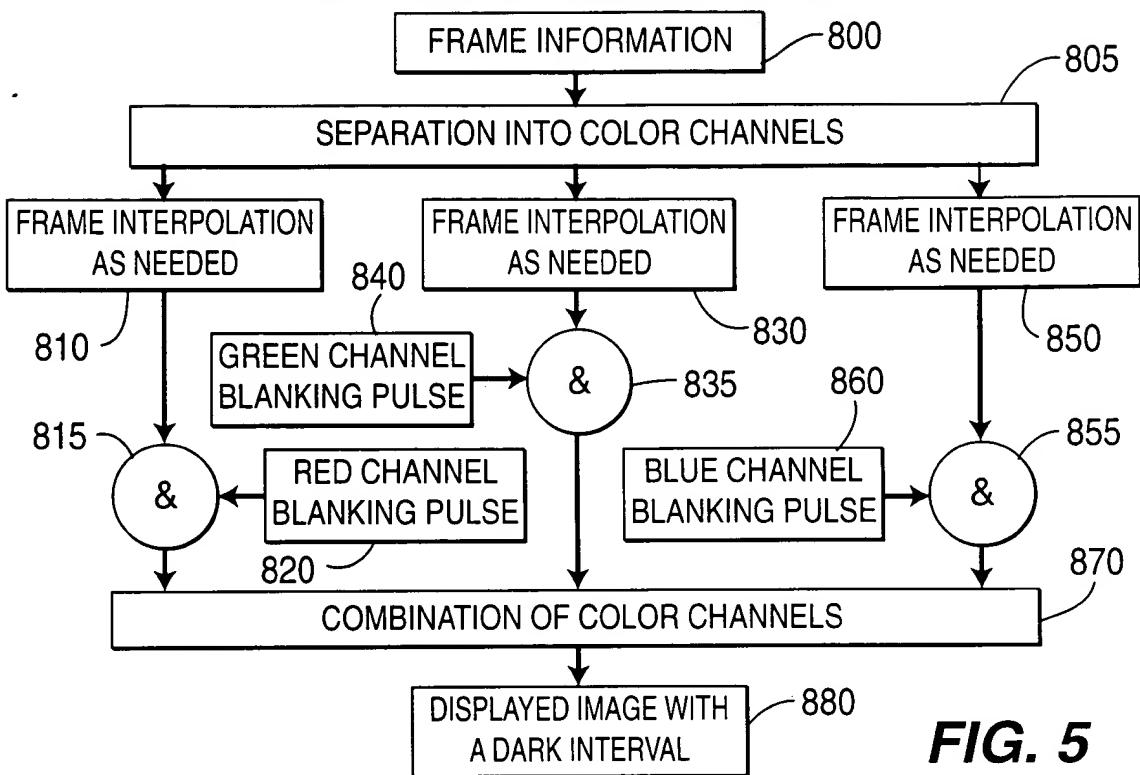


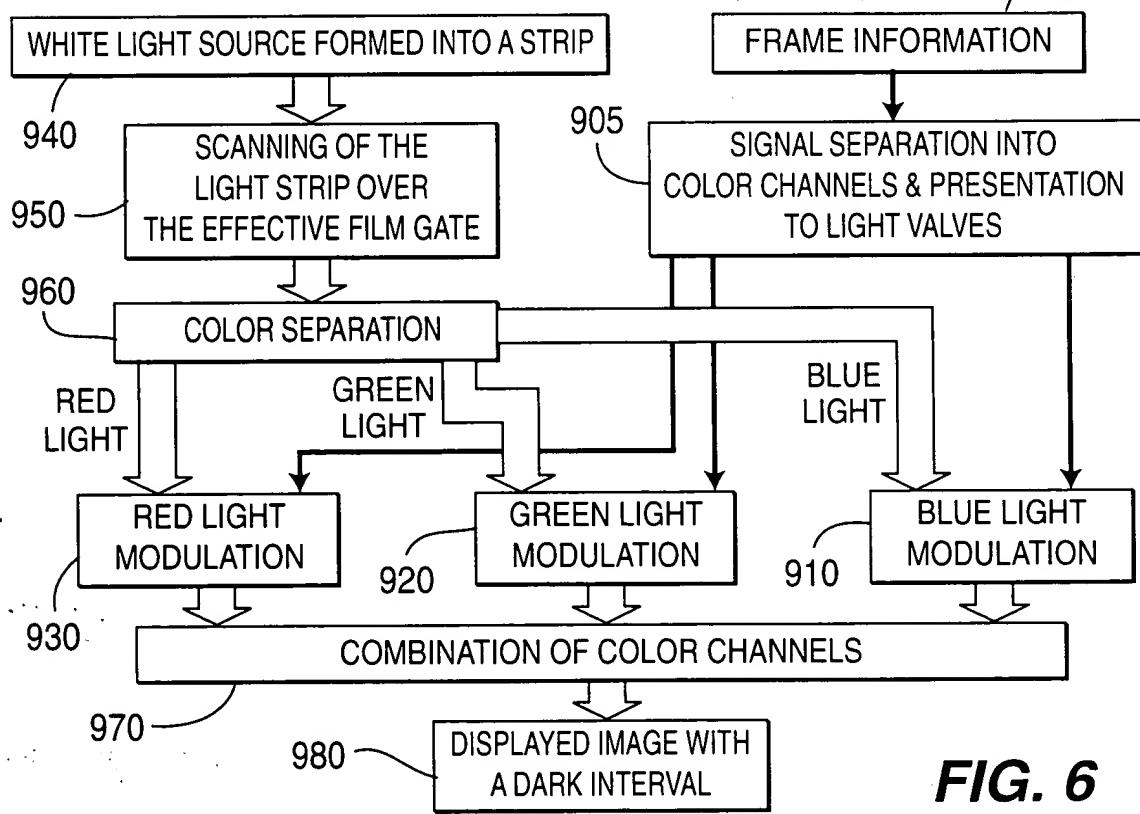
FIG. 4B

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MULTI-COLOR BLANKING IN TIME



ILLUMINATION SCANNING (SIMPLE)



ILLUMINATION SCANNING (INDEPENDENT COLORS)

900

940 ————— WHITE LIGHT SOURCE FORMED INTO A STRIP

900 ————— FRAME INFORMATION

960 ————— COLOR SEPARATION

1000 ————— SIGNAL SEPARATION INTO COLOR CHANNELS & PRESENTATION TO LIGHT VALVES (MOTION INTERPOLATION IF NEEDED)

1000 ————— SCANNING OF THE BLUE LIGHT STRIP OVER THE EFFECTIVE FILM GATE

1000 ————— SCANNING OF THE GREEN LIGHT STRIP OVER THE EFFECTIVE FILM GATE

1000 ————— SCANNING OF THE RED LIGHT STRIP OVER THE EFFECTIVE FILM GATE

1030 ————— BLUE LIGHT

1020 ————— GREEN LIGHT

1010 ————— RED LIGHT

930 ————— RED LIGHT MODULATION

920 ————— GREEN LIGHT MODULATION

910 ————— BLUE LIGHT MODULATION

6/7 ————— COMBINATION OF COLOR CHANNELS

970 ————— DISPLAYED IMAGE WITH A DARK INTERVAL

980 —————

FIG. 7



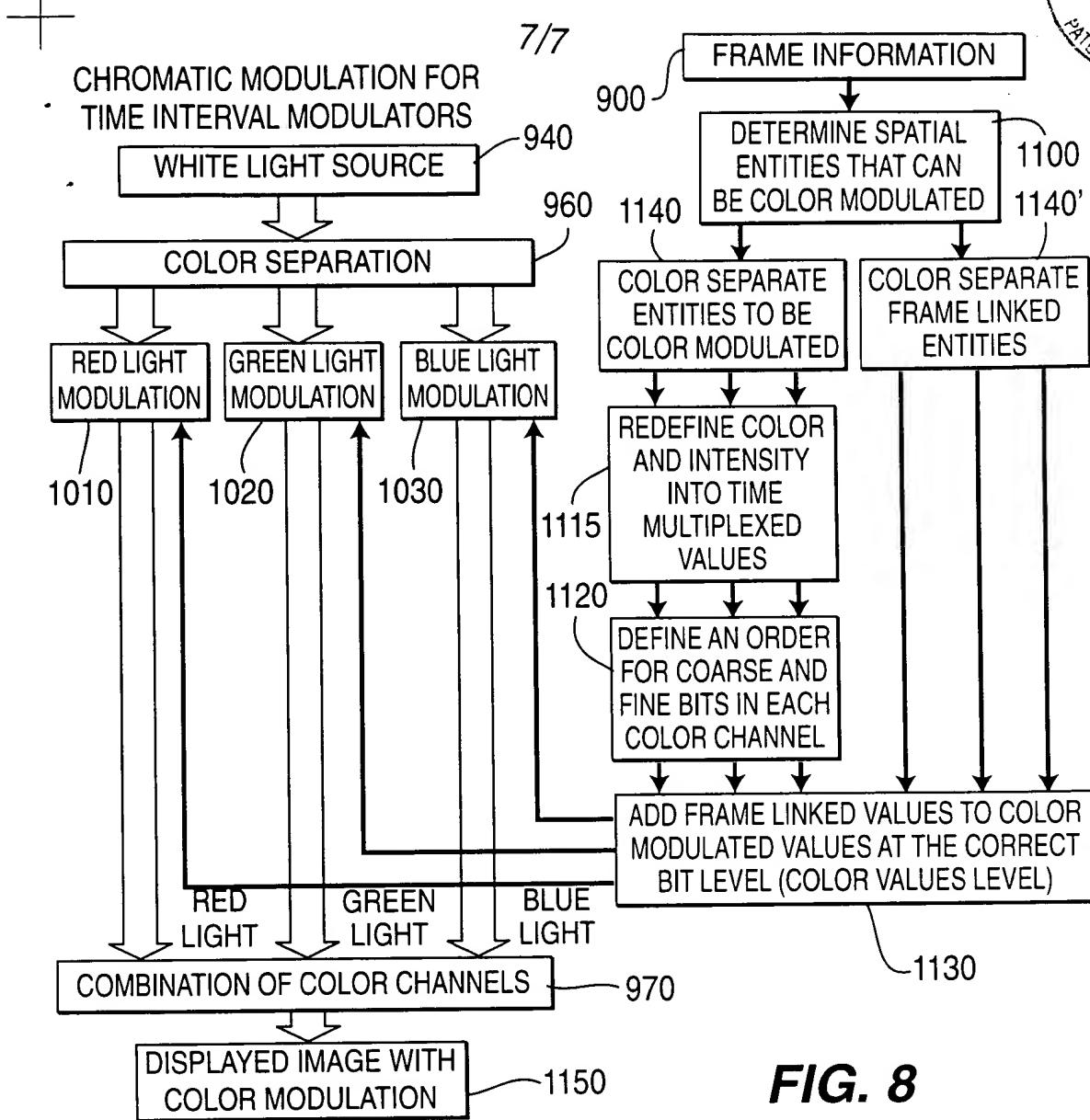


FIG. 8

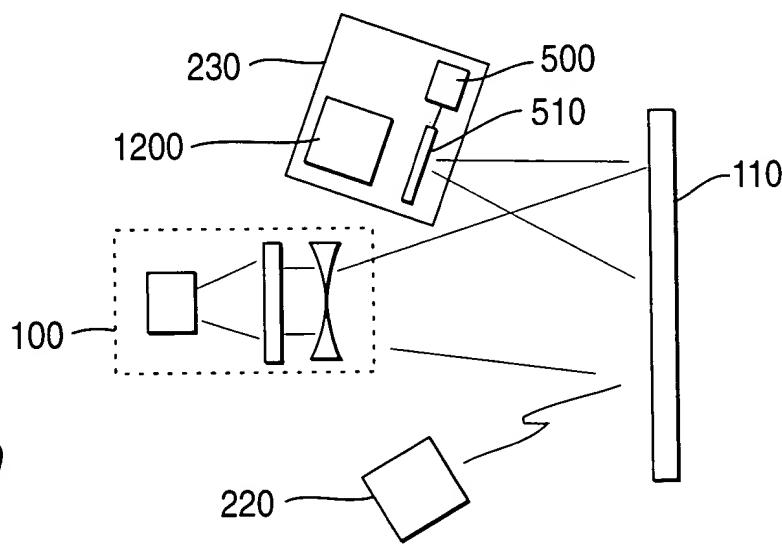


FIG. 9